

#4

04 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul COLLODI et al.

Group Art Unit: Unassigned

Serial No.: 10/538,820

Examiner: Unassigned

Int'l Appln No.: PCT/US 03/39516

Docket No.: 290.0059 0101

Filed w/ USPTO: 13 June 2005

Int'l Filing Date: 12 December 2003

Confirmation No.: 5144

Title: METHODS AND VECTORS FOR MAKING KNOCKOUT ANIMALS

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ **Small entity status is entitled to be asserted in the above-identified application.**
- ☒ An itemized return postcard.
- ☐ A Petition for Extension of Time for __ month(s) and a check in the amount of \$__ for the required fee.
- ☒ Other: Communication Re: Missing Parts (2 pgs); Executed Declaration (4 pgs); Election Under 37 CFR 3.71 and 3.73 and Power of Attorney (with copy of Assignment) (3 pgs total); Sequence Listing Submission (1 pg); paper copy of Sequence Listing (6 pgs); computer readable disk with Sequence Listing identical to paper copy; copy of Form PCT/DO/EO/905 - Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (2 pgs); supplemental ADS (2 pgs).
- ☒ Preliminary Amendment (3 pgs)
- ☒ No Additional fee is required. ☐ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$25 =	
Independent Claims				x \$100 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$180 Here →					
Total Additional Claim Fees Required					\$0

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813

By: David L. Provence

Name: David L. Provence

Reg. No.: 43,022

Direct Dial: 612-305-1005

Facsimile: 612-305-1228

CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EV 201 892 035 US

Date of Deposit: 4 January 2006

I hereby certify that the Transmittal Letter and the paper(s) and/or fee(s), as described hereinabove, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to: **Mail Stop Missing Parts**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Sandy Truchant

Name: Sandy Truchant

(SMALL ENTITY TRANSMITTAL UNDER RULE 1.10)

PATENT
Docket No. 290.0059 0101
(US Nat'l Stage)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul COLLODI et al.)	Group Art Unit:
)	
Serial No.: 10/538,820)	Examiner:
(Int'l Appln No.: PCT/US 03/39516))	
)	Confirmation No.: 5144
Filed with USPTO: 13 June 2005)	
(Int'l Filing Date: 12 December 2003))	

For: METHODS AND VECTORS FOR MAKING KNOCKOUT ANIMALS

COMMUNICATION RE: MISSING PARTS

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)," enclosed is an executed Declaration by the named inventors. Also enclosed is a paper copy of the Sequence Listing for this application as well as a computer readable form of the Sequence Listing that is identical to the paper copy submitted herewith.

In consideration that the \$65 surcharge fee for late furnishing the oath or declaration was paid on 13 June 2005, Applicants believe no additional fees are necessary. If, however, the Examiner determines any additional fees are due, please charge Deposit Account No. 13-4895.

Communication Re: Missing Parts

Page 2 of 2

Applicant(s): Paul COLLODI et al.

Serial No.: 10/538,820 (Int'l Appln No.: PCT/US 03/39516)

Filed w/ USPTO: 13 June 2005 (Int'l Filing Date: 12 December 2003)

For: METHODS AND VECTORS FOR MAKING KNOCKOUT ANIMALS

The application should now be in condition for examination. Please direct any inquiries to the undersigned attorney.

CERTIFICATE UNDER 37 C.F.R. 1.10:

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail" mailing label no.: EV 201 892 035 US

Date of Deposit: 4 January 2006

Signature: Sandy Truehart
Printed Name: Sandy Truehart

Date

January 4, 2005

Respectfully submitted

By

Muetting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

Phone: (612)305-1220

Facsimile: (612)305-1228

Customer Number 26813

By:

David L. Provence

David L. Provence

Reg. No. 43,022

Direct Dial (612) 305-1005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul COLLODI et al.) Group Art Unit:
)
Serial No.: 10/538,820) Examiner:
(Int'l Appln No.: PCT/US 03/39516))
) Confirmation No.: 5144
Filed with USPTO: 13 June 2005)
(Int'l Filing Date: 12 December 2003))

For: METHODS AND VECTORS FOR MAKING KNOCKOUT ANIMALS

SEQUENCE LISTING SUBMISSION

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam/Sir:

In accordance with the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed 09 November 2005, a paper copy and a computer readable form of the SEQUENCE LISTING is enclosed. It is respectfully submitted that the information recorded in the computer readable form is identical to the written sequence and/or tables related thereto.

Furthermore, it is respectfully submitted that the sequence listing does not go beyond the disclosure in the international application as filed.

The application should now be in condition for examination. Please direct any inquiries to the undersigned attorney.

CERTIFICATE UNDER 37 C.F.R. 1.10:

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail" mail label no.: EV 201 892 035 US
Date of Deposit: 4 January 2006

Signature: Sandy Truehart
Printed Name: Sandy Truehart

Date: January 4, 2005

Respectfully submitted

By

Muetting, Raasch & Gebhardt, P.A.

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Customer Number 26813

By: David L. Provence

David L. Provence

Reg. No. 43,022

Direct Dial (612) 305-1005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/538,820	Paul Collodi	290.0059 0101

INTERNATIONAL APPLICATION NO.

PCT/US03/39516

26813
MUETING, RAASCH & GEBHARDT, P.A.
P.O. BOX 581415
MINNEAPOLIS, MN 55458

I.A. FILING DATE	PRIORITY DATE
12/12/2003	12/13/2001

CONFIRMATION NO. 5144

371 FORMALITIES LETTER



OC000000017423828

Date Mailed: 11/09/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/13/2005
- Copy of the International Search Report filed on 06/13/2005
- Copy of IPE Report filed on 06/13/2005
- Preliminary Amendments filed on 06/13/2005
- U.S. Basic National Fees filed on 06/13/2005
- Assignment filed on 06/13/2005
- Priority Documents filed on 06/13/2005



19-06 MRDuc
59-06 MR Stad

RECEIVED

NOV 14 2005

MUETING & RAASCH

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825

19-06 Seq List Du
59-06 Seq List Stad

(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/538,820	PCT/US03/39516	290.0059 0101